SESSION 5: Data Management Using R

Assignment 3

1. Test whether two vectors are exactly equal (element by element)

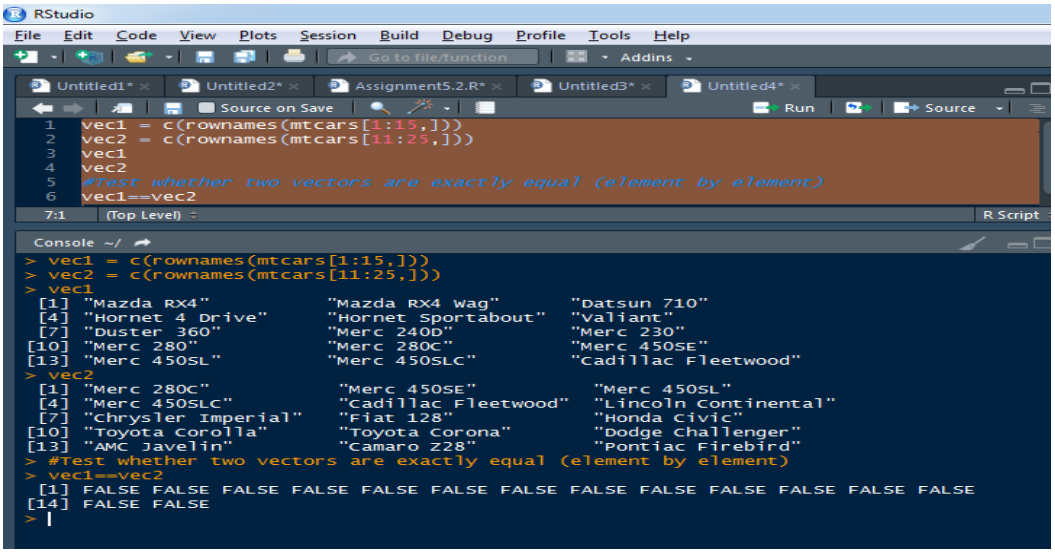
   vec1 = c(rownames(mtcars[1:15,]))

   vec2 = c(rownames(mtcars[11:25,]))

Answer:

vec1==vec2

Output:



2. Sort the character vector in ascending order and descending order

   vec1 = c(rownames(mtcars[1:15,]))

   vec2 = c(rownames(mtcars[11:25,]))

Anwer:

#vec1 Assending and Desending

sort(vec1, decreasing=F)

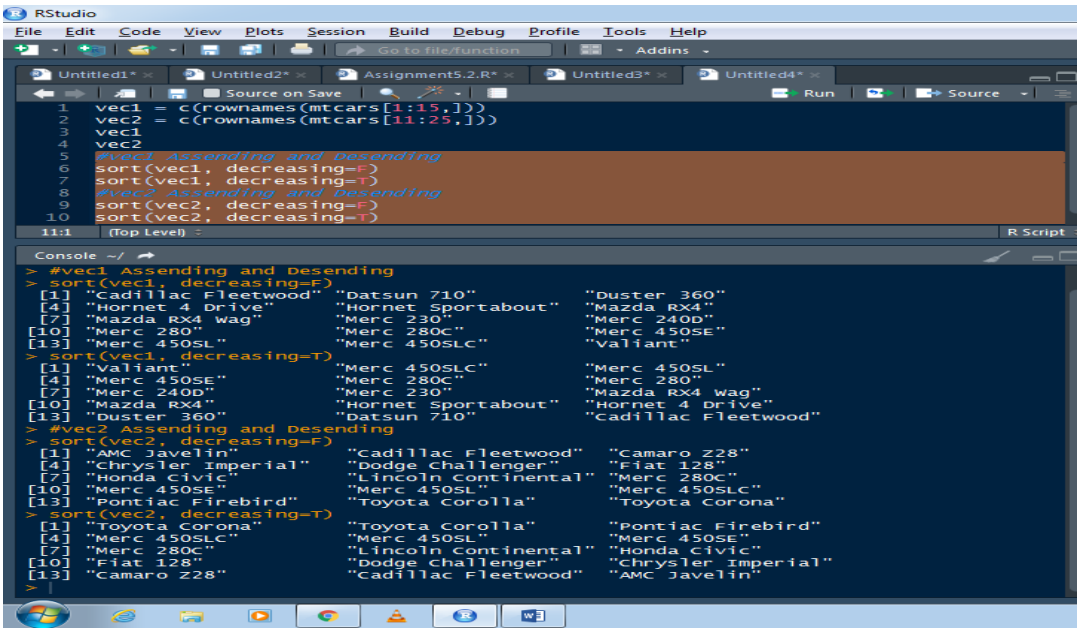
sort(vec1, decreasing=T)

#vec2 Assending and Desending

sort(vec2, decreasing=F)

sort(vec2, decreasing=T)

Output:



3. What is the major difference between str_c() and paste(). Show an example.

Answer:

str_c() and **paste()** both function concatenate the strings, but **str_c()** don't have any separator in between the strings, while **paste()** by default will have space as the separator.

Below is the example:

s1<-"I"

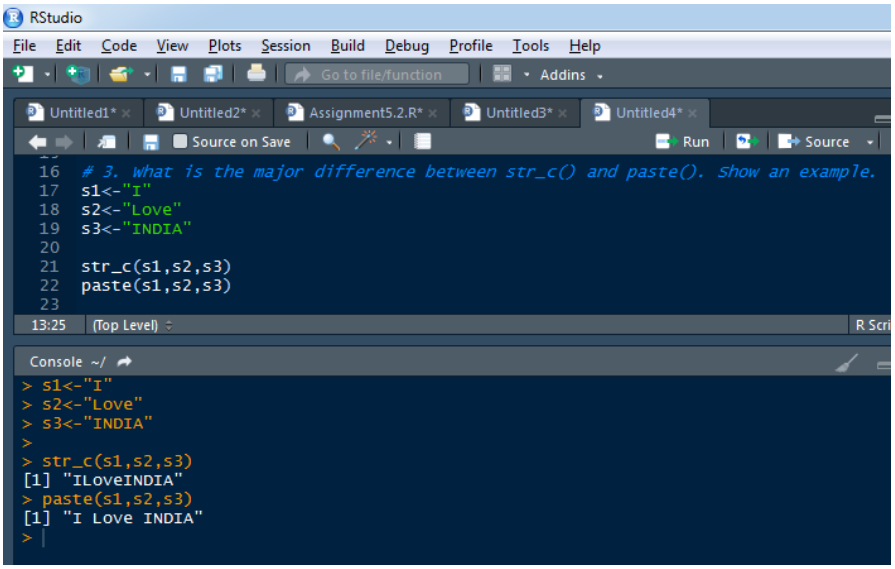
s2<-"Love"

s3<-"INDIA"

str_c(s1,s2,s3)

paste(s1,s2,s3)

Output:



4. Introduce a separator when concatenating the strings

Answer:

s1<-"HEadCount"

s2<-"89"

str_c(s1,s2, sep=" ")

str_c(s1,s2, sep=";")

str_c(s1,s2, sep=";")

paste(s1,s2,sep="|")

Output: